

=> d his

(FILE 'HOME' ENTERED AT 15:09:29 ON 22 SEP 2006)

FILE 'REGISTRY' ENTERED AT 15:09:41 ON 22 SEP 2006

L1 0 DISODIUM PRAPERIODATE/CN
L2 0 ?SODIUM AND PRAPERIODATE
L3 0 H3 I NA2 O6/MF
L4 0 H3INA2O6/MF
L5 0 2/NA AND I AND 3/H AND 6/O
L6 0 SODIUM PARAPERIODATE/CN
L7 1 7790-28-5/RN
L8 1 13940-38-0/RN
L9 1 H5 I O6 . 2 NA /MF
L10 0 H3 I O6 . 2 NA /MF
L11 1 15599-97-0/RN

FILE 'HCAPLUS' ENTERED AT 15:19:17 ON 22 SEP 2006

L12 37 S L11
L13 0 S L12 AND BLEACH?

FILE 'REGISTRY' ENTERED AT 15:21:41 ON 22 SEP 2006

L14 1 SODIUM HYPOCHLORITE/CN

FILE 'HCAPLUS' ENTERED AT 15:21:59 ON 22 SEP 2006

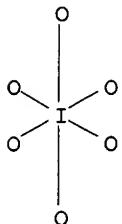
L15 11459 S L14
L16 5 S L12 AND L15

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L9 1 H5 I 06 . 2 NA /MF

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L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 15599-97-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Sodium periodate (Na₂H₃IO₆) (6CI, 7CI)
 OTHER NAMES:
 CN Sodium paraperiodate (Na₂H₃IO₆)
 MF H₅ I 06 . 2 Na
 LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, GMELIN*, IFICDB,
 IFIPAT, IFIUDB, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (10450-60-9)



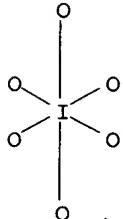
② Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
 37 REFERENCES IN FILE CA (1907 TO DATE)
 37 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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=> d 112 9,17,36 ibib abs hitstr hitind

L12 ANSWER 9 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1989:127441 HCAPLUS
 DOCUMENT NUMBER: 110:127441
 TITLE: Sodium hydrogen orthoperiodate Na₂H₃IO₆, a variant of the marcasite structure
 AUTHOR(S): Jansen, Martin; Rehr, Anette
 CORPORATE SOURCE: Anorg. Chem. Inst., Univ. Bonn, Bonn, D-5300/1, Fed. Rep. Ger.
 SOURCE: Zeitschrift fuer Anorganische und Allgemeine Chemie (1988), 567, 95-100
 CODEN: ZAACAB; ISSN: 0044-2313
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 AB Single crystals of Na₂H₃IO₆ were grown for the 1st time. X-ray crystal structure detn. (Pnnm; a 469.7(3), b 529.9(2), c 1005.2(6) pm; Z = 2; 296 diffractometer data; R_w = 0.051) shows that I is in an octahedral coordination. Na is surrounded by 6 O atoms in a strongly distorted octahedral arrangement. IO₆ and NaO₆ groups are linked via common vertex and edges in the sense of the rutile or marcasite type of structure. The corresponding structural relationship is discussed.
 IT 15599-97-0P, Sodium periodate (Na₂H₃IO₆)
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and crystal growth and structure of)
 RN 15599-97-0 HCAPLUS
 CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
 CC 78-5 (Inorganic Chemicals and Reactions)
 IT 15599-97-0P, Sodium periodate (Na₂H₃IO₆)
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and crystal growth and structure of)

L12 ANSWER 17 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1979:138401 HCAPLUS
 DOCUMENT NUMBER: 90:138401
 TITLE: Alkali metal mono- and dibasic periodates
 INVENTOR(S): Hillis, James E.; Coker, William P.
 PATENT ASSIGNEE(S): Dow Chemical Co., USA
 SOURCE: U.S., 3 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

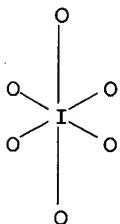
| US 4134967 | A | 19790116 | US 1977-834610 | 197709 19 |
|---|----------|----------------------|----------------|-------------------|
| AU 7839585 | A1 | 19800313 | AU 1978-39585 | 197809 06 |
| AU 523823 CA 1125988 | B2 A1 | 19820819 19820622 | CA 1978-310714 | 197809 06 |
| EP 1259 | A1 | 19790404 | EP 1978-100885 | 197809 14 |
| EP 1259 R: DE, FR, GB, NL JP 54066607 | B1 A2 | 19821013 19790529 | JP 1978-113701 | 197809 18 |
| JP 62020985 JP 62275002 | B4 A2 | 19870511 19871130 | JP 1986-276890 | 198611 21 |
| PRIORITY APPLN. INFO.: | | | US 1977-834609 | A 197709 19 |
| | | | US 1977-834610 | A 197709 19 |

AB The title compds. (useful for converting olefins to the corresponding oxides) were prep'd. from tri-, tetra-, and pentabasic alkali metal periodates by treatment with a substance having a relative acidity value (pKa) 3-16 at 0-100° at molar ratios of periodate-acidic substance of 1:1 to 1:1000. Thus, CO₂ (20-30 cm³/min) was bubbled 1 h through 2.5 g crude Cs₃IO₅ in 15 mL water to give 0.9 g CsIO₄. Propylene [115-07-1] (15 cm³/min) was passed through a 280-320° glass tube contg. 0.5 g CsIO₄ on glass wool to give 28% conversion to propylene oxide [75-56-9] at 312° with selectivity 64%.

IT 15599-97-0P
RL: IMF (Industrial manufacture); PREP (Preparation)
(manuf. of, from trisodium periodate)

RN 15599-97-0 HCAPLUS

CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)

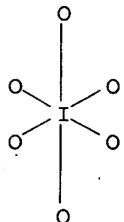


●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

IC C01B011-22
 INCL 423462000
 CC 35-2 (Synthetic High Polymers)
 Section cross-reference(s): 23, 49
 IT 15599-97-0P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (manuf. of, from trisodium periodate)

L12 ANSWER 36 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1934:52592 HCAPLUS
 DOCUMENT NUMBER: 28:52592
 ORIGINAL REFERENCE NO.: 28:6382a
 TITLE: Periodic acid and periodates. III. Sodium and silver periodates
 AUTHOR(S): Partington, James R.; Bahl, Rama K.
 SOURCE: Journal of the Chemical Society (1934) 1091-4
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 AB Na₂H₃IO₆ shows no loss of H₂O at 100° in a vacuum, but stronger heating decomposes it according to: 4Na₂H₃IO₆ → 4Na₂O + 2I₂ + 6H₂O + 7O₂. The Ag salt behaves as Ag₄I₂O₉.3H₂O, losing all of the H₂O at 90°.
 IT 15599-97-0, Sodium periodate, Na₂H₃IO₆
 (prepn. of)
 RN 15599-97-0 HCAPLUS
 CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
 CC 6 (Inorganic Chemistry)
 IT 15599-97-0, Sodium periodate, Na₂H₃IO₆
 (prepn. of)

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=> d 116 1-6 ibib abs hitstr hitind

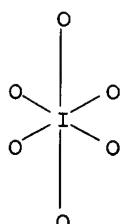
L16 ANSWER 1 OF 5 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:49311 HCPLUS
 DOCUMENT NUMBER: 144:131309
 TITLE: Method for manufacture of periodic acid salts
 having high purity at high yield
 INVENTOR(S): Doya, Masaharu; Kurai, Hiroko
 PATENT ASSIGNEE(S): Toho Earthtech Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 2006016266 | A2 | 20060119 | JP 2004-196891 | 200407 02 |
| PRIORITY APPLN. INFO.: | | | JP 2004-196891 | 200407 02 |

AB Manuf. of Na paraperiodate is carried out by oxidn. of I absorption soln., obtained by blowing out process. The thus manufd. Na paraperiodate is further treated with acids for its conversion into Na metaperiodate, followed by its treatment with inorg. K salt for prepn. of potassium metaiodate. Na metaperiodate crystals obtained by the conversion process may be sepd. before addn. of K salt to the mother liquor. Preferable oxidizing agents, acids, etc. are also given.

IT 15599-97-0P
 RL: IMF (Industrial manufacture); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (manuf. of high-purity Na paraperiodate and K metaperiodate therefrom)

RN 15599-97-0 HCPLUS
 CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

IT 7681-52-9, Sodium hypochlorite
 RL: NUU (Other use, unclassified); USES (Uses)
 (oxidizing agent; manuf. of high-purity Na paraperiodate and K metaperiodate therefrom)
 RN 7681-52-9 HCPLUS

CN Hypochlorous acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

Cl-OH

● Na

CC 49-5 (Industrial Inorganic Chemicals)
 IT 15599-97-0P
 RL: IMF (Industrial manufacture); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (manuf. of high-purity Na paraperiodate and K metaperiodate therefrom)
 IT 7681-52-9, Sodium hypochlorite 7722-84-1, Hydrogen peroxide, uses 7782-50-5, Chlorine, uses
 RL: NUU (Other use, unclassified); USES (Uses)
 (oxidizing agent; manuf. of high-purity Na paraperiodate and K metaperiodate therefrom)

L16 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:799519 HCAPLUS
 DOCUMENT NUMBER: 141:298144
 TITLE: Method for preparing disodium para-periodate
 INVENTOR(S): Yoshikawa, Kouji
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 12 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--|----------|------------------|--------------|
| WO 2004083117 | A1 | 20040930 | WO 2004-JP3491 | 200403 16 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| JP 2004300023 | A2 | 20041028 | JP 2004-74111 | 200403 16 |
| EP 1619167 | A1 | 20060125 | EP 2004-720972 | 200403 16 |
| CN 1761614 | A | 20060419 | CN 2004-80007113 | 200403 |

PRIORITY APPLN. INFO.:

JP 2003-75248

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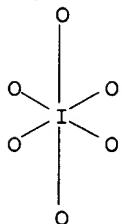
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WO 2004-JP3491

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200403
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- AB The method includes reacting mixt. of NaIO₃, HIO₃, and NaClO with NaOH (1-3 mol for total IO₃⁻) at pH 5-10. The obtained Na₂H₃IO₆ is contacted with acid at pH 2-2.5 to produce NaIO₄. Na₂H₃IO₆ is produced by the safe and simple method without Cl₂ gas.
- IT 15599-97-0P, Sodium paraperiodate (Na₂H₃IO₆)
RL: PUR (Purification or recovery); PREP (Preparation)
(method for prep. disodium para-periodate)
- RN 15599-97-0 HCPLUS
- CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



② Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- IT 7681-52-9, Sodium hypochlorite
RL: RCT (Reactant); RACT (Reactant or reagent)
(method for prep. disodium para-periodate)
- RN 7681-52-9 HCPLUS
- CN Hypochlorous acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

Cl-OH

● Na

- IC ICM C01B011-22
CC 49-5 (Industrial Inorganic Chemicals)
IT 7790-28-5P, Sodium metaperiodate 15599-97-0P, Sodium paraperiodate (Na₂H₃IO₆)
RL: PUR (Purification or recovery); PREP (Preparation)
(method for prep. disodium para-periodate)
- IT 7681-52-9, Sodium hypochlorite 7681-55-2, Sodium iodate 7782-68-5, Iodic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(method for prep. disodium para-periodate)
- REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 3 OF 5 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:166050 HCPLUS
 DOCUMENT NUMBER: 106:166050
 TITLE: Silver halide photographic processing wastewater treatment kit containing halite/hypohalite/perhalate
 INVENTOR(S): Kuze, Satoru; Koboshi, Shigeharu; Matsushima, Yoko
 PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

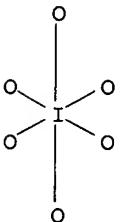
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 61240238 | A2 | 19861025 | JP 1985-83276 | 198504 17 |
| JP 05054930 | B4 | 19930813 | JP 1985-83276 | 198504 17 |
| PRIORITY APPLN. INFO.: | | | | |

AB A wastewater treatment kit for Ag halide photog. processing soln. in an automatic developing system that has no feed/wastewater piping and uses no rinsing water, is characterized by comprising a preadjusted prepn. of ≥ 1 compds. selected from perhalates, halites, and hypohalites to render the COD of the effluent substantially 0.
 IT 7681-52-9, Sodium hypochlorite 15599-97-0, Sodium periodate
 RL: USES (Uses)
 (wastewater treatment kit contg., for silver halide photog. processing soln. in automatic developing system)
 RN 7681-52-9 HCPLUS
 CN Hypochlorous acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

Cl-OH

● Na

RN 15599-97-0 HCPLUS
 CN Periodic acid (H5IO6), disodium salt (8CI, 9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

IC ICM G03C005-00

CC 74-2 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)

Section cross-reference(s): 60

IT 7681-52-9, Sodium hypochlorite 7758-19-2, Sodium chlorite

15599-97-0, Sodium periodate

RL: USES (Uses)

(wastewater treatment kit contg., for silver halide photog. processing soln. in automatic developing system)

L16 ANSWER 4 OF 5 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1961:1253 HCPLUS

DOCUMENT NUMBER: 55:1253

ORIGINAL REFERENCE NO.: 55:204b-c

TITLE: Complex manganese periodates

AUTHOR(S): Lister, M. W.; Yoshino, Y.

CORPORATE SOURCE: Univ. Toronto

SOURCE: Canadian Journal of Chemistry (1960), 38, 1291-9

CODEN: CJCHAG; ISSN: 0008-4042

DOCUMENT TYPE: Journal

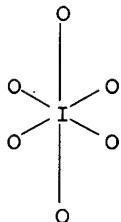
LANGUAGE: Unavailable

AB Reaction of Na₂H₃IO₆ in dil. HNO₃ with MnCl₂ and a basic soln. of NaClO yielded Na₇H₄Mn(I_O₆)₃.17H₂O. When KIO₄ and KCLO were used, K₇H₄Mn(I_O₆)₃.8H₂O was formed. Iodometric and potentiometric titrations, redn. with SO₂, and magnetic susceptibilities all indicate that the compds. contain quadrivalent Mn. Solns. of the Na salt spontaneously decomp. to yield NaMnO₄. The mechanism of decompn. is not clear.

IT 15599-97-0, Sodium periodate, Na₂H₃IO₆
(reaction with MnCl₂ and NaClO)

RN 15599-97-0 HCPLUS

CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



● 2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

IT 7681-52-9, Sodium hypochlorite
(reaction with MnCl₂ and Na₂H₃IO₆)

RN 7681-52-9 HCPLUS

CN Hypochlorous acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

Cl-OH

● Na

CC 6 (Inorganic Chemistry)

- IT 15599-97-0, Sodium periodate, Na₂H₃IO₆
 (reaction with MnCl₂ and NaClO)
 IT 7681-52-9, Sodium hypochlorite
 (reaction with MnCl₂ and Na₂H₃IO₆)

L16 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1955:38999 HCAPLUS
 DOCUMENT NUMBER: 49:38999
 ORIGINAL REFERENCE NO.: 49:7445i,7446a-c
 TITLE: Paper partition chromatography of halogen salts
 AUTHOR(S): Servigne, Yvette
 SOURCE: Compt. rend. (1954), 239, 272-4
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable

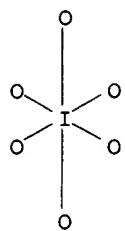
AB Mixts. of chlorates, bromates, and iodates of the alkali metals were chromatographed onto paper from iso-PrOH (75% by vol.) the partition taking approx. 16 hrs. The chromatograms were developed by steaming the strips of paper first in an all-glass app. contg. diphenylamine in concd. H₃PO₄ to bring out the blue-green stains of the bromates and iodates and, second, in another app. contg. diphenylamine in concd. HCl to bring out the indigo-blue stains of the chlorates. The chlorate was found at the top of the chromatogram, followed in order by the bromate and the iodate. It was found that 3.5 γ of one of the salts could be detected in as much as 91 γ of the other two. R_f = 0.68 for KClO₃, 0.47-0.149 for KBrO₃, and 0.20-0.21 for KIO₃. The iodate in soln. alone showed 2 adjacent stains, corresponding to R_f = 0.28 and 0.21, which merge into one when the iodate is in soln. with the other salts; the stain corresponding to R_f = 0.28 is presumably accounted for by the presence of small amts. of periodates. Supporting evidence for this presumption is given by the exhibition of R_f values for mixts. of periodates and iodates identical to those of the iodates when present in soln. alone; the periodate probably decomp. considerably in contact with the cellulose of the paper. The paraperiodate, Na₂H₃IO₆, showed only one stain corresponding to R_f = 0.28. Mixts. of Na chlorite, hypochlorite, and chloride were also examd.

- IT 7681-52-9, Sodium hypochlorite
 (chromatography of)
 RN 7681-52-9 HCAPLUS
 CN Hypochlorous acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

Cl-OH

● Na

- IT 15599-97-0, Sodium periodate, Na₂H₃IO₆
 (detection of)
 RN 15599-97-0 HCAPLUS
 CN Periodic acid (H₅IO₆), disodium salt (8CI, 9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CC 7 (Analytical Chemistry)

IT 7647-14-5, Sodium chloride 7681-52-9, Sodium hypochlorite
7758-19-2, Sodium chlorite
(chromatography of)

IT 3811-04-9, Potassium chlorate 7758-01-2, Potassium bromate
7758-05-6, Potassium iodate 15599-97-0, Sodium periodate,
Na₂H₃IO₆
(detection of)

=>

=> d 112 ti 1-37

- L12 ANSWER 1 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Method for manufacture of periodic acid salts having high purity at high yield
- L12 ANSWER 2 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN ←
TI Method for preparing disodium para-periodate
- L12 ANSWER 3 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of oxalide via 9-oxononanoic acids
- L12 ANSWER 4 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Process for production of 3,3-dimethyl-2-formylcyclopropanecarboxylic acid derivatives for the preparation of pyrethroids
- L12 ANSWER 5 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Slime inhibitors containing periodic acid and slime prevention
- L12 ANSWER 6 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Manufacture of sodium metaperiodate
- L12 ANSWER 7 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Manufacture of periodic acid alkali metal salts
- L12 ANSWER 8 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN ✓ - 601
TI Manufacture of disodium trihydrogenparaperiodate
- L12 ANSWER 9 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Sodium hydrogen orthoperiodate Na₂H₃IO₆, a variant of the marcasite structure
- L12 ANSWER 10 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Silver halide photographic processing wastewater treatment kit containing halite/hypohalite/perhalate
- L12 ANSWER 11 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Thermal and radiation annealing in iodide-131 ion-doped periodate crystals
- L12 ANSWER 12 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Chemical influence on the decay constant of iodine-125
- L12 ANSWER 13 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Chemical effect of the iodine-125 decay constant
- L12 ANSWER 14 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Effect of exchange and overlap on the probabilities of K-capture by iodine-123 and iodine-125 nuclei in ions and chemical compounds
- L12 ANSWER 15 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI A reference standard for iodine-127 Moessbauer spectroscopy
- L12 ANSWER 16 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Unstable intermediates. Part 197. Electron-gain and -loss centers in irradiated periodates: an electron spin resonance study
- L12 ANSWER 17 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Alkali metal mono- and dibasic periodrates
- L12 ANSWER 18 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
TI Oxidation of olefins to oxirane compounds with periodate compounds
- L12 ANSWER 19 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN

- TI Studies on transformations of oxygen iodine species in solid phase.
Part III. Influence of counter-ions on the thermal decomposition of periodates
- L12 ANSWER 20 OF 37 HCAPLUS COPYRIGHT 2006 ACS on STN
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